

IN THE CLAIMS

Please amend claims 1 through 8, and 10 through 11, and add claims 12 through 18, and cancel claim 9 without prejudice or disclaimer, as follows:

1. (Amended) A hard disk drive, comprising:

a [head/disk] disk assembly, comprising:

a body;

a spindle motor supported by said body;

a first connector attached to said body;

a printed circuit board attached to said body and connected to said spindle

motor; and

a plurality of contacts mounted on said printed circuit board;

a printed circuit board assembly, comprising;

a second connector engageable with said first connector of said disk assembly while said printed circuit board assembly is attached to said disk assembly; and

a plurality of contact connectors, comprising:

said printed circuit board assembly bearing a bore; and

a plurality of terminals attached to said printed circuit board assembly and protruding through said bore; and

17 said contact connectors of said printed circuit board assembly electrically engaging said
18 contacts on said disk assembly to transfer signals between said printed circuit board and said
19 spindle motor when said second connector of said printed circuit board is engaged with said first
20 connector of said disk assembly.

21 [a first connector having a first plurality of connector pins electrically connecting said
22 head/disk assembly to said printed circuit board assembly;

23 a second connector having a second plurality of connector pins electrically connecting said
24 head/disk assembly to said printed circuit board assembly; and

25 said second plurality of connector pins being automatically connected when said first
26 connector is connected.]

1 2. (Amended) The hard disk drive of claim 1, [said second plurality of connector pins
2 being elastic and being hook shaped] further comprised of said terminals being formed of an
3 elastic material.

1 3. (Amended) The hard disk drive of claim [1] 2, [said second plurality of connector
2 pins being elastic and being C-shaped] further comprised of said printed circuit board attached to
3 said disk assembly being flexible.

1 4. (Amended) The hard disk drive of claim [1] 3, [said first connector containing 14
2 connector pins] further comprised of said terminals being P-shaped.

1 5. (Amended) The hard disk drive of claim [1] 3, [said second connector containing
2 4 connector pins] further comprised of said terminals being C-shaped.

1 6. (Amended) A hard disk drive, comprising:
2 [a printed circuit board;
3 a head/disk assembly; and
4 a first connector and a second connector each electrically connecting said printed circuit
5 board to said head/disk assembly, said second connector automatically electrically connecting said
6 printed circuit board to said head/disk assembly when said first connector connects said printed
7 circuit board to said head/disk assembly]

8 a disk assembly, comprising:

9 a body;

10 a spindle motor disposed on said body;

11 a first connector attached to said body;

12 a printed circuit board disposed on said body and electrically connected to
13 said spindle motor; and

14 a plurality of contacts mounted on said printed circuit board; and
15 a printed circuit board assembly bearing a bore and comprising:

16 a base;

17 a second connector attached to said base; and

18 a plurality of terminals attached to said base and protruding through said
19 bore to abuttingly contact said contacts on said disk assembly while said first
20 connector is engaged with said second connector.

1 7. (Amended) The hard disk drive of claim 6, [said second connector being comprised
2 of terminals being elastic and being hook shaped] further comprised of said terminals being
3 formed of a flexible material.

1 8. (Amended) The hard disk drive of claim [6] 7, [said second connector being
2 comprised of terminals being elastic and being C-shaped] further comprised of said printed circuit
3 board on said disk assembly being flexible.

1 10. (Amended) The hard disk drive of claim [9] 7, [said connector being comprised of
2 terminals being elastic and being hook shaped] further comprised of said terminals being P-
3 shaped.

1 11. (Amended) The hard disk drive of claim [9] 7, [said connector being comprised of
2 terminals being elastic and being C-shaped] further comprised of said terminals being C-shaped.

1 12. A hard disk drive, comprising:
2

2 a disk assembly, comprising:

3 a body;

4 a spindle motor disposed on said body;

5 a first connector attached to said body;

6 a flexible printed circuit board disposed on said body and electrically
7 connected to said spindle motor; and

8 a plurality of contacts mounted on said printed circuit board; and

9 a printed circuit board assembly bearing a bore and comprising;

10 a base;

11 a second connector attached to said base; and

12 a plurality of elastic terminals attached to said base and protruding through
13 said bore to abuttingly contact said contacts on said disk assembly while said first
14 connector is engaged with said second connector.

1 -- 13. The hard drive of claim 12, further comprised of said terminals being C-shaped.

1 -- 14. The hard drive of claim 12, further comprised of said terminals being P-shaped.

1 -- 15. The hard disk drive of claim 12, further comprised of said terminals being hook
2 shaped.

1 -- 16. The hard disk drive of claim 12, further comprised of said terminals being V-
2 shaped.

at
2 -- 17. The hard disk drive of claim 12, further comprised of said first connector and said
2 second connector each being a 14 pin type of connector.

1 -- 18. The hard disk drive of claim 12, further comprised of said contacts and said terminals
2 each being a 4 pin type of connector.
